

***Integrated Product/Process Development
Through Robust Design Simulation***
Dr. Daniel P. Schrage, Georgia Institute of Technology
Invited Keynote Speaker, Wednesday, October 4, 2000, 9:00a.m.

Dr. Schrage has been a Professor in Aerospace Engineering at Georgia Tech since 1984; Director of CERT since 1986; and Director of CASA since 1998 (formerly served as the Director of ASDL since 1994, one of the CASA labs). Dr. Schrage has a B.S. from USMA (West Point), a M.S. in Aerospace Engineering from Georgia Tech, a M.A. in Business Administration from Webster University, and a D.Sc. in Mechanical Engineering from Washington University (St. Louis). Dr. Schrage is a Colonel in the U.S. Army Reserves, having served 11 years of active duty (Field Artillery and Army Aviation) and 15 years as an adjunct faculty member in the Department of Civil and Mechanical Engineering at USMA. Prior to coming to Georgia Tech, Dr. Schrage was a senior executive servant with the U.S. Army Aviation Systems Command (AVSCOM) as the Director for Advanced Systems. He also served as the Chief of the Structures and Aeromechanics Division and was a major evaluator or technical area chief on source selection evaluation boards (SSEBs) for all the major Army Aviation development programs of the 1970's and early 1980's, including the AAH, which led to the AH-64 Apache, the UTTAS, which led to the UH-60 Black Hawk, the AHIP, which led to the OH-58D Kiowa Warrior, and the LHX, which led to the RAH-66 Comanche. Over the last ten years at Georgia Tech, Dr. Schrage has led the development of the graduate program in Aerospace Systems Design, which has been built around Integrated Product/Process Development (IPPD) through Robust Design Simulation (RDS). He also led, in the early 1990s, the development of the Georgia Tech Flight Simulation Laboratory to support high fidelity rotorcraft simulation modeling for STRICOM. Dr. Schrage has served on the Army Science Board (6 years), Air Force Studies Board (2 years), NASA committees (15 years), and 5 major NRC studies (over 10 years).